GenCore version 4.5

OM protein - protein search, using sw model

Run on: February 13, 2002, 10:08:02 ; Search time 12.49 Seconds
(without alignments)
34.232 Million cell updates/sec

Title: US-09-486-094-12
Perfect score: 51
Sequence: 1 XCXXXXXCXXXXXCXXXCX 19

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	30	58.8	163	2	US-08-727-688-25	Sequence 25, Appl
2	28	54.9	1345	2	US-08-977-767-3	Sequence 3, Appli
3	27	52.9	45	1	US-08-451-947-97	Sequence 97, Appl
4	27	52.9	45	2	US-08-424-826A-97	Sequence 97, Appl
5	27	52.9	45	3	US-08-928-694-97	Sequence 97, Appl
6	27	52.9	45	5	PCT-US91-06950-97	Sequence 97, Appl
7	27	52.9	47	3	US-08-482-085B-91	Sequence 91, Appl
8	27	52.9	341	2	US-08-209-521-11	Sequence 11, Appl
9	27	52.9	801	1	US-07-906-349A-6	Sequence 6, Appli
10	27	52.9	4544	1	US-08-469-486-52	Sequence 52, Appl
11	27	52.9	4544	2	US-08-469-658-52	Sequence 52, Appl
12	26	51.0	29	4	US-09-136-769A-5	Sequence 5, Appli
13	26	51.0	29	4	US-09-136-769A-16	Sequence 16, Appl
14	26	51.0	39	1	US-08-050-319B-40	Sequence 40, Appl
15	26	51.0	39	2	US-08-465-982-40	Sequence 40, Appl
16	26	51.0	143	4	US-08-990-823-112	Sequence 112, App
17	26	51.0	153	1	US-08-050-319B-52	Sequence 52, Appl
18	26	51.0	153	2	US-08-465-982-52	Sequence 52, Appl
19	26	51.0	153	2	US-08-219-237B-4	Sequence 4, Appli
20	26	51.0	153	4	US-08-477-347-12	Sequence 12, Appl
21	26	51.0	153	4	US-08-476-862-3	Sequence 3, Appli
22	26	51.0	153	4	US-08-468-560C-4	Sequence 4, Appli
23	26	51.0	157	1	US-08-050-319B-50	Sequence 50, Appl
24	26	51.0	157	2	US-08-465-982-50	Sequence 50, Appl
25	26	51.0	158	1	US-08-050-319B-54	Sequence 54, Appl
26	26	51.0	158	2	US-08-465-982-54	Sequence 54, Appl
27	26	51.0	161	4	US-09-326-394-2	Sequence 2, Appli
28	26	51.0	199	1	US-08-050-319B-48	Sequence 48, Appl
29	26	51.0	199	2	US-08-465-982-48	Sequence 48, Appl
30	26	51.0	246	2	US-08-704-931-2	Sequence 2, Appli
31	26	51.0	280	3	US-08-974-022-46	Sequence 46, Appl
32	26	51.0	280	4	US-08-795-445A-46	Sequence 46, Appl
33	26	51.0	280	4	US-08-795-447A-46	Sequence 46, Appl
34	26	51.0	280	4	US-08-974-186-46	Sequence 46, Appl
35	26	51.0	280	4	US-08-795-446B-46	Sequence 46, Appl
36	26	51.0	336	4	US-08-804-166-8	Sequence 8, Appli
37	26	51.0	336	4	US-08-910-991-8	Sequence 8, Appli
38	26	51.0	387	2	US-08-884-072-5	Sequence 5, Appli
39	26	51.0	387	2	US-08-833-963C-9	Sequence 9, Appli
40	26	51.0	387	3	US-08-980-514-3	Sequence 3, Appli
41	26	51.0	387	4	US-09-212-168-5	Sequence 5, Appli
42	26	51.0	453	4	US-09-086-483A-5	Sequence 5, Appli
43	26	51.0	455	1	US-08-050-319B-25	Sequence 25, Appl
44	26	51.0	455	1	US-08-321-668-2	Sequence 2, Appli
45	26	51.0	455	1	US-08-837-941-2	Sequence 2, Appli

ALIGNMENTS

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RESULT   1
US-08-727-688-25
; Sequence 25, Application US/08727688
; Patent No. 5919638
;  GENERAL INFORMATION:
;    APPLICANT:  Russell, John C.
;    TITLE OF INVENTION:  Reagents and Methods for Detecting Prostate Tumors
;    NUMBER OF SEQUENCES:  36
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Abbott Laboratories
;      STREET:  100 Abbott Park Road D377/AP6D
;      CITY:  Abbott Park
;      STATE:  IL
;      COUNTRY:  USA
;      ZIP:  60064
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/727,688
;      FILING DATE:
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Porembski, Priscilla E.
;      REGISTRATION NUMBER:  33,207
;      REFERENCE/DOCKET NUMBER:  5967.US.01
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (847) 937-0378
;      TELEFAX:  (847) 938-2623
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  25:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  163 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  No. 5919638e
US-08-727-688-25


  Query Match           58.8%;  Score 30;  DB 2;  Length 163;
  Best Local Similarity  23.5%;  Pred. No. 20;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy      2 CXXXXXCXXXXXCXXXC 18
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          |     |     |   |
Db      72 CSSSSSCSWPTSCWSTC 88


RESULT   2
US-08-977-767-3
; Sequence 3, Application US/08977767
; Patent No. 5972684
;  GENERAL INFORMATION:
;    APPLICANT:  Bandman, Olga
;    APPLICANT:  Yue, Henry
;    APPLICANT:  Greenwald, Sara
;    APPLICANT:  Corley, Neil C.
;    TITLE OF INVENTION:  CARBONIC ANHYDRASE VIII
;    NUMBER OF SEQUENCES:  3
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Incyte Pharmaceuticals, Inc.
;      STREET:  3174 Porter Drive
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  94304
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/977,767
;      FILING DATE:  Herewith
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Billings, Lucy J.
;      REGISTRATION NUMBER:  36,749
;      REFERENCE/DOCKET NUMBER:  PF-0423 US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  650-855-0555
;      TELEFAX:  650-845-4166
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1345 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    IMMEDIATE SOURCE:
;      LIBRARY:  GenBank
;      CLONE:  1532042
US-08-977-767-3


  Query Match             54.9%;  Score 28;  DB 2;  Length 1345;
  Best Local Similarity   23.5%;  Pred. No. 57;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db     768 CAATGGCCTGGCCATTC 784


RESULT   3
US-08-451-947-97
; Sequence 97, Application US/08451947
; Patent No. 5702906
;  GENERAL INFORMATION:
;    APPLICANT:  GENENTECH, INC.
;    APPLICANT:  ROSENTHAL, ARNON
;    TITLE OF INVENTION:  NOVEL NEUROTROPHIC FACTOR
;    NUMBER OF SEQUENCES:  100
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  5.25 inch, 360 Kb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  patin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/451,947
;      FILING DATE:
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/426419
;      FILING DATE:  19-APR-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/030013
;      FILING DATE:  22-MAR-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/648482
;      FILING DATE:  31-JAN
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/587707
;      FILING DATE:  1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Torchia, Timothy E.
;      REGISTRATION NUMBER:  36,700
;      REFERENCE/DOCKET NUMBER:  666P2C1D2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415/225-8674
;      TELEFAX:  415/952-9881
;      TELEX:  910/371-7168
;  INFORMATION FOR SEQ ID NO:  97:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  45 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
US-08-451-947-97


  Query Match             52.9%;  Score 27;  DB 1;  Length 45;
  Best Local Similarity   23.5%;  Pred. No. 62;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db       6 CAGGGCCGAATTCGCAC 22


RESULT   4
US-08-424-826A-97
; Sequence 97, Application US/08424826A
; Patent No. 5830858
;  GENERAL INFORMATION:
;    APPLICANT:  Rosenthal, Arnon
;    TITLE OF INVENTION:  NOVEL NEUROTROPHIC FACTOR
;    NUMBER OF SEQUENCES:  98
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5 inch, 1.44 Mb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WinPatin (Genentech)
;    CURRENT APPLICATION DATA:
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;       APPLICATION NUMBER:  US/08/424,826A
;       FILING DATE:  19-Apr-1995
;       CLASSIFICATION:  514
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/240387
;       FILING DATE:  10-May-1994
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  07/648482
;       FILING DATE:  31-JAN-1991
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  07/587707
;       FILING DATE:  25-SEP-1990
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Torchia, PhD., Timothy E.
;       REGISTRATION NUMBER:  36,700
;       REFERENCE/DOCKET NUMBER:  P0666P1C2
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  415/225-8674
;       TELEFAX:  415/952-9881
;       TELEX:  910/371-7168
;   INFORMATION FOR SEQ ID NO:  97:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  45 amino acids
;       TYPE:  Amino Acid
;       TOPOLOGY:  Linear
US-08-424-826A-97


  Query Match             52.9%;  Score 27;  DB 2;  Length 45;
  Best Local Similarity   23.5%;  Pred. No. 62;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db       6 CAGGGCCGAATTCGCAC 22


RESULT   5
US-08-928-694-97
; Sequence 97, Application US/08928694
; Patent No. 6037320
;  GENERAL INFORMATION:
;    APPLICANT:  ROSENTHAL, ARNON
;    TITLE OF INVENTION:  NOVEL NEUROTROPHIC FACTOR
;    NUMBER OF SEQUENCES:  100
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  1 DNA Way
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5 inch, 1.44 Mb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  WinPatin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/928,694
;      FILING DATE:  12-Sep-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/451947
;      FILING DATE:  26-MAY-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/426419
;      FILING DATE:  19-APR-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/030013
;      FILING DATE:  22-MAR-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/648482
;      FILING DATE:  31-JAN
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/587707
;      FILING DATE:  1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Torchia, PhD., Timothy E.
;      REGISTRATION NUMBER:  36,700
;      REFERENCE/DOCKET NUMBER:  P0666P2C1D2C1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  650/225-8674
;      TELEFAX:  650/952-9881
;  INFORMATION FOR SEQ ID NO:  97:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  45 amino acids
;      TYPE:  Amino Acid
;      TOPOLOGY:  Linear
US-08-928-694-97


  Query Match             52.9%;  Score 27;  DB 3;  Length 45;
  Best Local Similarity   23.5%;  Pred. No. 62;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db       6 CAGGGCCGAATTCGCAC 22


RESULT   6
PCT-US91-06950-97
; Sequence 97, Application PC/TUS9106950
;  GENERAL INFORMATION:
;    APPLICANT:  GENENTECH, INC.
;    APPLICANT:  ROSENTHAL, ARNON
;    TITLE OF INVENTION:  NOVEL NEUROTROPHIC FACTOR
;    NUMBER OF SEQUENCES:  100
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Genentech, Inc.
;      STREET:  460 Point San Bruno Blvd
;      CITY:  South San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94080
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  5.25 inch, 360 Kb floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  patin (Genentech)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US91/06950
;      FILING DATE:  19910924
;      CLASSIFICATION:  436
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/648482
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/587707
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Hensley, Max D.
;      REGISTRATION NUMBER:  27,043
;      REFERENCE/DOCKET NUMBER:  666P1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415/266-1994
;      TELEFAX:  415/952-9881
;      TELEX:  910/371-7168
;  INFORMATION FOR SEQ ID NO:  97:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  45 amino acids
;      TYPE:  AMINO ACID
;      TOPOLOGY:  linear
PCT-US91-06950-97


  Query Match             52.9%;  Score 27;  DB 5;  Length 45;
  Best Local Similarity   23.5%;  Pred. No. 62;
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  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db       6 CAGGGCCGAATTCGCAC 22


RESULT   7
US-08-482-085B-91
; Sequence 91, Application US/08482085B
; Patent No. 6018030
;  GENERAL INFORMATION:
;    APPLICANT:  Ferrari, Franco A.
;    APPLICANT:  Richardson, Charles
;    APPLICANT:  Chambers, James
;    APPLICANT:  Causey, Stuart
;    APPLICANT:  Pollock, Thomas J.
;    APPLICANT:  Cappello, Joseph
;    APPLICANT:  Crissman, John W.
;    TITLE OF INVENTION:  No. 6018030el Peptides Comprising Repetitive
;    TITLE OF INVENTION:  Units of Amino Acids and DNA Sequences Encoding the Same
;    NUMBER OF SEQUENCES:  112
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Flehr, Hohbach, Test, Albritton & Herbert
;      STREET:  Four Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94111
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/482,085B
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 06/927,258
;      FILING DATE:  04-NOV-1986
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/114,618
;      FILING DATE:  29-OCT-1987
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/053,049
;      FILING DATE:  22-APR-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/175,155
;      FILING DATE:  29-DEC-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Trecartin, Richard F.
;      REGISTRATION NUMBER:  31,801
;      REFERENCE/DOCKET NUMBER:  A-55186-6/RFT/MTK
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-781-1989
;      TELEFAX:  415-398-3249
;  INFORMATION FOR SEQ ID NO:  91:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  47 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-482-085B-91


  Query Match             52.9%;  Score 27;  DB 3;  Length 47;
  Best Local Similarity   23.5%;  Pred. No. 62;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db      24 CATGCACCATCTCGAGC 40


RESULT   8
US-08-209-521-11
; Sequence 11, Application US/08209521
; Patent No. 5922855
;  GENERAL INFORMATION:
;    APPLICANT:  Liskay, Robert M.
;    APPLICANT:  Bronner, C. Eric
;    APPLICANT:  Baker, Sean M.
;    APPLICANT:  Bollag, Roni J.
;    APPLICANT:  Kolodner, Richard D.
;    TITLE OF INVENTION:  MAMMALIAN DNA MISMATCH REPAIR GENES
;    TITLE OF INVENTION:  hMLH1 AND hPMS1
;    NUMBER OF SEQUENCES:  30
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Kolisch, Hartwell, Dickinson, McCormack &
;      ADDRESSEE:  Heuser
;      STREET:  520 S.W. Yamhill, Suite 200
;      CITY:  Portland
;      STATE:  Oregon
;      COUNTRY:  US
;      ZIP:  97204
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/209,521
;      FILING DATE:  08-MAR-1994
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Van Rysselberghe, Pierre C.
;      REGISTRATION NUMBER:  33,557
;      REFERENCE/DOCKET NUMBER:  OHSU 306A
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (503) 224-6655
;      TELEFAX:  (503) 295-6679
;  INFORMATION FOR SEQ ID NO:  11:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  341 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
;    POSITION IN GENOME:
;      MAP POSITION:  3p21.3-23
US-08-209-521-11


  Query Match             52.9%;  Score 27;  DB 2;  Length 341;
  Best Local Similarity   27.3%;  Pred. No. 75;
  Matches    3;  Conservative    0;  Mismatches    8;  Indels    0;  Gaps    0;

Qy       8 CXXXXXCXXXC 18
           |     |   |
Db     321 CTTTAACTTTC 331


RESULT   9
US-07-906-349A-6
; Sequence 6, Application US/07906349A
; Patent No. 5434064
;  GENERAL INFORMATION:
;    APPLICANT:  Schlessinger, Joseph
;    APPLICANT:  Skolnik, Edward Y.
;    APPLICANT:  Margolis, Benjamin L.
;    TITLE OF INVENTION:  A NOVEL EXPRESSION-CLONING METHOD FOR
;    TITLE OF INVENTION:  IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES
;    TITLE OF INVENTION:  TARGET PROTEINS
;    NUMBER OF SEQUENCES:  16
```

```
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Browdy and Neimark
;      STREET:  419 Seventh Street, N.W.
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/906,349A
;      FILING DATE:  30-JUN-1992
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/643,237
;      FILING DATE:  18-JAN-1991
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  801 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-07-906-349A-6


  Query Match             52.9%;  Score 27;  DB 1;  Length 801;
  Best Local Similarity   23.5%;  Pred. No. 81;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db     233 CACAAGCTGCCTCTGAC 249


RESULT  10
US-08-469-486-52
; Sequence 52, Application US/08469486
; Patent No. 5739281
;  GENERAL INFORMATION:
;    APPLICANT:  Thoegersen, Hans Christian
;    APPLICANT:  Holtet, Thor Las
;    APPLICANT:  Etzerodt, Michael
;    TITLE OF INVENTION:  Improved method for the refolding of
;    TITLE OF INVENTION:  proteins
;    NUMBER OF SEQUENCES:  58
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version
;      SOFTWARE:  #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/469,486
;      FILING DATE:
;      CLASSIFICATION:  530
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/192,060
;      FILING DATE:  February 4, 1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Paul T. Clark
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  06363/002001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617 542 5070
;      TELEFAX:  617 542 8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  52:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  4544 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-469-486-52


  Query Match             52.9%;  Score 27;  DB 1;  Length 4544;
  Best Local Similarity   23.5%;  Pred. No. 96;
  Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db    2980 CADVDECSTTFPCSQRC 2996


RESULT  11
US-08-469-658-52
; Sequence 52, Application US/08469658
; Patent No. 5917018
;  GENERAL INFORMATION:
;    APPLICANT:  Th egersen, Hans Christian
;    APPLICANT:  Holtet, Thor Las
;    APPLICANT:  Etzerodt, Michael
;    TITLE OF INVENTION:  IMPROVED METHOD FOR THE REFOLDING OF
;    TITLE OF INVENTION:  PROTEINS
;    NUMBER OF SEQUENCES:  58
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version
;      SOFTWARE:  #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/469,658
;      FILING DATE:  June 5, 1995
;      CLASSIFICATION:  530
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/192,060
;      FILING DATE:  February 4, 1994
;      CLASSIFICATION:  530
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Paul T. Clark
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  06363/002002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617 542 5070
;      TELEFAX:  617 542 8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  52:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  4544 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
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US-08-469-658-52

Query Match 52.9%; Score 27; DB 2; Length 4544;
Best Local Similarity 23.5%; Pred. No. 96;
Matches 4; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

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Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db    2980 CADVDECSTTFPCSQRC 2996
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RESULT 12
US-09-136-769A-5
; Sequence 5, Application US/09136769A
; Patent No. 6307014
; GENERAL INFORMATION:
; APPLICANT: Furie, Bruce
; APPLICANT: Furie, Barbara
; APPLICANT: Stenflo, Johan
; APPLICANT: Rigby, Alan C.
; APPLICANT: Roepstoff, Peter
; TITLE OF INVENTION: CONOPEPTIDES
; FILE REFERENCE: 50065/002001
; CURRENT APPLICATION NUMBER: US/09/136,769A
; CURRENT FILING DATE: 1998-08-19
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Conus textile
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (4)...(4)
; OTHER INFORMATION: Xaa is gamma-carboxyglutamic acid
US-09-136-769A-5

Query Match 51.0%; Score 26; DB 4; Length 29;
Best Local Similarity 23.5%; Pred. No. 89;
Matches 4; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

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Qy       2 CXXXXXCXXXXXCXXXC 18
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Db       8 CSSSGSCCHKSCCRWTC 24
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RESULT 13
US-09-136-769A-16
; Sequence 16, Application US/09136769A
; Patent No. 6307014
; GENERAL INFORMATION:
; APPLICANT: Furie, Bruce
; APPLICANT: Furie, Barbara
; APPLICANT: Stenflo, Johan
; APPLICANT: Rigby, Alan C.
; APPLICANT: Roepstoff, Peter
; TITLE OF INVENTION: CONOPEPTIDES
; FILE REFERENCE: 50065/002001
; CURRENT APPLICATION NUMBER: US/09/136,769A
; CURRENT FILING DATE: 1998-08-19
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Conus textile
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (4)...(4)
; OTHER INFORMATION: Xaa is gamma-carboxyglutamic acid.
US-09-136-769A-16

Query Match 51.0%; Score 26; DB 4; Length 29;
Best Local Similarity 23.5%; Pred. No. 89;
Matches 4; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

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Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db       8 CSSSGSCCHKSCCRWTC 24
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RESULT 14
US-08-050-319B-40
; Sequence 40, Application US/08050319B
; Patent No. 5633145
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robbins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319B
; FILING DATE: 10-May-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Robbins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-050-319B-40

Query Match 51.0%; Score 26; DB 1; Length 39;
Best Local Similarity 23.5%; Pred. No. 92;
Matches 4; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

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Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db      13 CVSCSNCKKSLECTKLC 29
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RESULT 15
US-08-465-982-40
; Sequence 40, Application US/08465982
; Patent No. 5863786
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor
; NUMBER OF SEQUENCES: 57

```
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Reed & Robbins
;      STREET:  635 Bryant Street
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94301
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/465,982
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/050,319
;      FILING DATE:  10-May-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Robbins, Roberta L.
;      REGISTRATION NUMBER:  33,208
;      REFERENCE/DOCKET NUMBER:  5150-0030
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 617-8999
;      TELEFAX:  (415) 327-3231
;  INFORMATION FOR SEQ ID NO:  40:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  39 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-465-982-40

 Query Match             51.0%;  Score 26;  DB 2;  Length 39;
 Best Local Similarity   23.5%;  Pred. No. 92;
 Matches    4;  Conservative    0;  Mismatches   13;  Indels    0;  Gaps    0;

Qy       2 CXXXXXCXXXXXCXXXC 18
           |     |     |   |
Db      13 CVSCSNCKKSLECTKLC 29


Search completed: February 13, 2002, 10:09:47
Job time: 105 sec
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